

CARLSBAD PROJECT WATER OPERATIONS & WATER SUPPLY CONSERVATION EIS RESOURCES TO BE ADDRESSED FACT SHEET

PURPOSE OF AND NEED FOR PROPOSED ACTION

The purpose of Reclamation's proposed re-operation of Sumner Dam is to conserve the Pecos bluntnose shiner. The purpose of Reclamation's proposed water acquisition program is to conserve Carlsbad Project water supply. The need for Reclamation action is compliance with the Endangered Species Act and consistency with Reclamation's responsibility to conserve Project water supply. This purpose and need statement serves as the basis for developing action alternatives. Additional criteria that will be used to refine and screen action alternatives may include safety of dams, flood control, socioeconomic impacts, and environmental and recreational benefits.

RESOURCES TO BE EXAMINED

SETTING

- Geology
- Climate

SURFACE WATER

- General description of trends, purposes, operational priorities
- Water Operations: Description of operations, reservoirs, streamflows, water deliveries and supplies

GROUNDWATER

- General description, groundwater systems, transport losses, depth to groundwater, groundwater quality, interactions with surface water

WATER QUALITY

- Reservoirs, Pecos River, salinity, mercury

THREATENED AND ENDANGERED SPECIES

- Pecos bluntnose shiner
- Interior least tern, Bald eagle

FISH

- Native riverine species, reservoir fisheries

WILDLIFE AND HABITAT

LAND AND SOILS

RECREATION

ECONOMICS/SOCIAL AND COMMUNITY CONDITIONS

- Agriculture, local and regional economies, environmental justice

CULTURAL RESOURCES

- Historic sites, traditional cultural properties, sacred sites

INDIAN TRUST ASSETS

